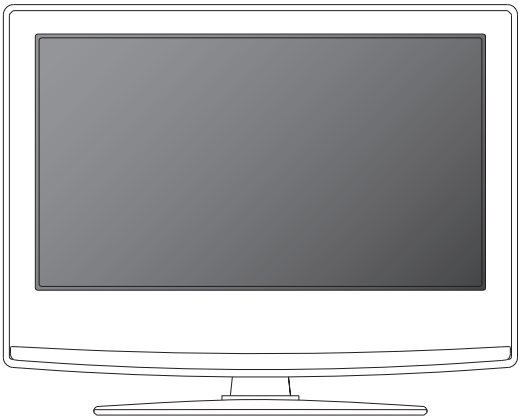
HD Ready LCD TV with Freeview & DVD

User Guide



Model No
X19/17B-GB-TCD-UK

Keep this important information about how to re-tune your TV during the digital TV switchover

When does switchover happen?

The exact date you switch depends on the transmitter you are served by. To check when you switch, go to Digital UK's postcode checker on www.digitaluk.co.uk

Check your ITV news service or look at Teletext page 106 to see what TV region you're in.

Important information regarding the digital TV switchover

Television in the UK is going digital, bringing us all more choice and new services. Starting late 2007 and ending in 2012, television services in the UK will go completely digital, TV region by TV region.

How the switchover affects your TV equipment.

Your new TV has a digital tuner built in, which means it is ready to receive the Freeview signal by simply connecting it into your aerial socket (you can check if you can get digital TV through your aerial now or whether you will have to wait until the switchover at www.digitaluk.co.uk)

When the TV switchover happens in your area, there are at least two occasions when you will need to re-tune your TV in order to continue receiving your existing TV channels and also to pick up new ones. Digital UK, the body leading the digital switchover, will advise you when you need to retune during the switchover.

How to retune.

Retuning your TV is a very quick and simple process. We recommend that you retune every few months to ensure you are receiving the very latest TV and radio channels that are broadcast.

1) Press [DVB-MENU]

2) Press [V] to select System Settings
3) Press [OK] to enter menu

4) Press [OK] to launch first time installation process
5) You will be asked “Are you sure you want to delete the existing channels?”, press [OK]

Initial set up - DVBT/Freeview TV
WARNING - ENSURE YOU HAVE CONNECTED YOUR TV AERIAL TO THE INPUT LABELLED 'RF IN' ON REAR OF TV
Do you want to start digital search?
Confirm
Exit
Check you have connected your TV Aerial to 'RF In'.Ensure 'Confirm' is highlighted and press 'ok ' on remote control. If Auto Scan does not find all of the channels, it is possible that you may need a 'Booster' to improve the signal reception. Alternatively, upgrade your Aerial to a High Gain / Digital version.

6) Press [OK] while ‘Confirm’ is highlighted and your TV will retune.

If you do not retune your TV when advised to do so by Digital UK, you may lose some or all of your channels until you do re-tune.

If you are missing any channels, it may be that they are not available in your area, or that your TV aerial needs upgrading.

For help and support regarding the digital switchover, please contact Digital UK:

Telephone: 08456 50 50 50
Digital UK website: www.digitaluk.co.uk

If you require technical or warranty support on this television, please contact the manufacturer helpline, do not contact Digital UK unless your query is regarding the digital switchover.

WARNINGS

Caution
This television contains no user serviceable parts. Please refer to the manufacturer or authorised repair agent in the event of malfunction. Do not remove the back cover from the television.

Warning
To reduce the risk of fire, electric shock or damage to the television, do not expose it to dust, rain or moisture, or place any objects filled with liquids on or near the television.

Do not place the television in a confined space, ensure that nothing can obstruct the ventilation openings at the rear of the television.

Do not place naked flames on or near the television.

Dispose of this television and any components including batteries in an environmentally friendly manner. If in doubt, please contact your local authority for details of recycling.

Your LCD TV should be cleaned using a dry or slightly damp cloth. You should not use an alcohol based cleaner

Safety
For your safety, this appliance is fitted with a fused moulded 3 pin mains plug. Should the fuse need to be replaced, ensure that any replacement is of the same amperage and approved with the BSI mark. ( )

Never try and replace the mains plug unless you have adequate qualifications and are legally authorised to do so. In the event that a replacement Mains cable is required, contact the manufacturer for a suitable replacement.

Never use the television if it is damaged in any way.

Always place the television on a flat level surface avoiding anywhere which may be subject to strong vibration. Ensure the television is not placed on top of the power cable as the weight of the television may damage the cable and cause a safety hazard.

Never place mobile phones, speakers or any other device which may cause magnetic or radio interference with the television. If interference is apparent, move the device causing the interference away from the television.

Packaging
Please save the packaging for the television as you will need this in the event of warranty/service repair or support. We are unable to carry out warranty/service if you are unable to package it correctly. The safest way to package your item in the event of warranty/service repair is in its original box/packaging

WARNINGS

Screen Burn

A characteristic of LCD TV Panels is that displaying the same image for a long time may cause a permanent after-image to remain on the screen. This is called screen burn.

Examples of images that you need to be aware of are as follows (this is not an all-inclusive list):

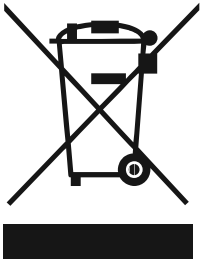
- **TV Channel Logos: e.g. Shopping channel logos and pricing displays-especially if they are bright and stationary. Moving or low-contrast graphics are less likely to cause ageing of the screen.**
- **Picture-in-Picture and Multi Picture-in-Picture: Do not view for long periods of time using the Picture-in-Picture or Multi Picture-in-Picture functions.**
- **Time Displays**
- **Teletext: Do not view a stationary page for long periods of time.**
- **TV/DVD Menus: e.g. Listings of DVD disk content.**
- **Pause Mode: Do not leave the TV in pause mode for long periods of time, e.g. When watching DVDs or videos.**

Note: To prevent screen burn if viewing any of the above for long periods of time, reduce contrast and brightness when viewing. Once burn-in occurs it will never disappear completely.

How do I dispose of this product?

UK: Waste electrical products should not be disposed of with household waste. Separate disposal facilities exist. For your nearest facilities, please see www.recycle-more.co.uk or instore for details.

ROI: Produced after 13th August 2005. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



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If you experience any problems with this Television,
Please contact the helpline.

Customer Support/Technical Helpline
Sky Media UK LTD
Telephone: 0871 2000 463
Email: service@skymediauk.co.uk

WHAT IS INCLUDED IN THE BOX

Accessories

Included with this TV are the following accessories:

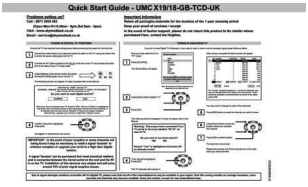
1x - User Guide Book

1x - Remote control

1x - RF lead

2x - AAA batteries

1x - Quick Start Guide



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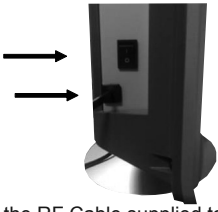
GETTING STARTED - INITIAL SET UP

IMPORTANT - AFTER TUNING DO NOT PRESS ANY BUTTONS FOR 20 SECONDS SO THE CHANNEL INFORMATION CAN BE STORED.

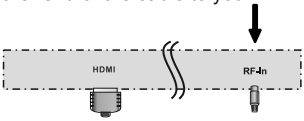
TUNING IN DIGITAL TV (FREEVIEW)

IMPORTANT — Please ensure the TV has reached room temperature before connecting the power for the first time

1) Connect the mains lead to your electrical outlet and switch on the TV using the switch next to where the power cable goes into the TV



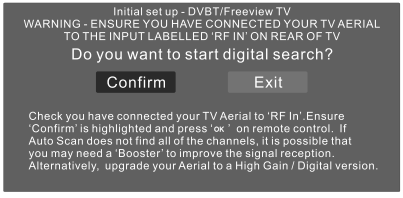
2) Connect the RF Cable supplied to the **'RF IN'** on the rear of the TV and connect the other end of the cable to your TV Aerial outlet



3) Install batteries in the remote control and press the [POWER] button to turn on the TV.

The 'Initial Set up-DVBT/Freeview TV' menu should now appear. If it does not, please go to step 5.

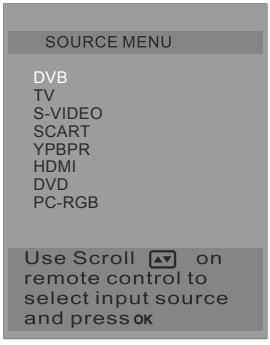
4) Press [OK] on the remote control whilst 'Confirm' is highlighted on screen.


Initial set up - DVBT/Freeview TV
WARNING - ENSURE YOU HAVE CONNECTED YOUR TV AERIAL TO THE INPUT LABELLED 'RF IN' ON REAR OF TV
Do you want to start digital search?
Confirm
Exit
Check you have connected your TV Aerial to 'RF In'.Ensure 'Confirm' is highlighted and press 'ok ' on remote control. If Auto Scan does not find all of the channels, it is possible that you may need a 'Booster' to improve the signal reception. Alternatively, upgrade your Aerial to a High Gain / Digital version.

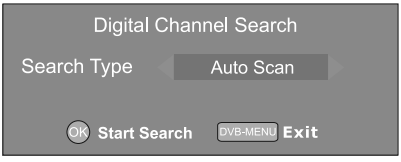
Tuning will now take place. Once it has finished tuning is complete.

If you do not see the Initial Setup Screen, follow the below:

5) Ensure the TV is in DVB mode (press [SOURCE] on remote control and select DVB)



6) Press the button labelled 'DVB-MENU' on remote control to access settings menu, Scroll to 'Channel Search' and press [OK].



7) The above will appear press [OK] to start search

Auto tune will now take place and set up is complete.

Important - Due to signal strength variations across the UK for Digital TV, please note that not all of the channels/services may be available in your region.

Over the coming months as coverage increases, more services and channels may become available. Every few months, follow point 5 to re-scan for new channels/services,

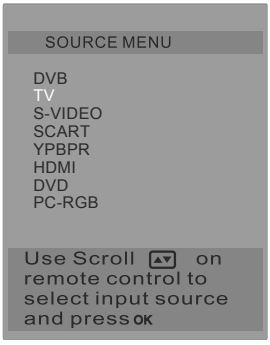
In the event of poor reception in either Analogue TV or Digital TV (DVB) it may be necessary to install a signal 'booster' to enhance reception. For Digital/Freeview TV (DVB) you may need to upgrade your aerial to a High Gain Digital version.

GETTING STARTED - INITIAL SET UP

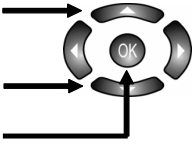
TUNING IN ANALOGUE TV

IMPORTANT — If you do not have Digital TV (Freeview) in your area or wish to tune in via the analogue signal please follow the below.

1) First you must switch the TV to "TV" mode
Press [SOURCE]
The Source Menu will appear

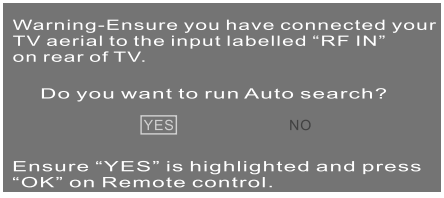


2) Using these buttons highlight 'TV'

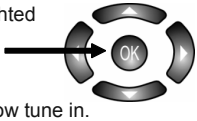


3) Press [OK]

The following should now appear if it does not please refer to the Manual

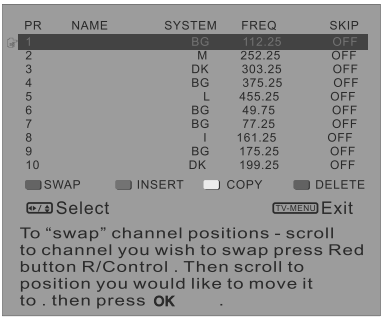

Warning-Ensure you have connected your TV aerial to the input labelled "RF IN" on rear of TV.
Do you want to run Auto search?
YES
NO
Ensure "YES" is highlighted and press "OK" on Remote control.

4) "Yes" should be highlighted
Press [OK]



The TV channels will now tune in.

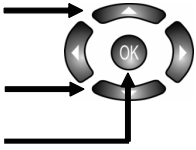
After tuning is complete the below screen will appear.


PR NAME SYSTEM FREQ SKIP
1 BG 112.25 OFF
2 M 252.25 OFF
3 DK 303.25 OFF
4 BG 375.25 OFF
5 L 455.25 OFF
6 BG 49.75 OFF
7 BG 77.25 OFF
8 I 161.25 OFF
9 BG 175.25 OFF
10 DK 199.25 OFF
SWAP INSERT COPY DELETE
Select TV-MENU Exit
To "swap" channel positions - scroll to channel you wish to swap press Red button R/Control . Then scroll to position you would like to move it to . then press OK .

You may wish to change the order of the channels.

5) Press [RED] button to select the channel you wish to move.

6) Using these buttons move to the location where you would like this channel

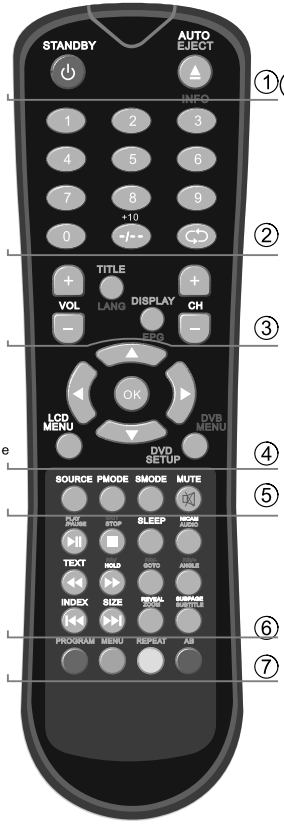


7) Press [OK] to confirm location.

The channel is now moved.

Repeat this process until all the channels are in the order which you would like them.

REMOTE CONTROL BUTTONS



① **STANDBY**
Switch on LCD TV when at standby mode or vice versa.

AUTO/EJECT
Press to auto adjust in PC mode and eject the DVD in DVD mode.
Press to display the information of the channel in Digital mode

② **NUMBER BUTTONS**
Press 0-9 to select a TV channel directly when you are watching TV. The channel will change after 2 seconds.
To enter page number in teletext mode.

-/--
Press this button to enter a program number for multiple program channel such as 2-1,etc.

Return to the previous channel viewed.

③ **VOL+/-**
Press to increase / decrease the sound level.

TITLE
Press to display the DVD title menu.

LANG
DVD mode: To show the list of audio languages available for the current channel.

MENU
Press to display DVD-disc menu on the screen.

EPG
Press to show the Electronic Program Guide menu.

DISPLAY
Press to display the source and channel's information

CH+/-
Press to scan through channels. To scan quickly channels, press and hold down either +/- button.

④ **THUMBSTICK(▲/ ▼/ ◄/ ► /OK)**
Allows you to navigate the on-screen menus and adjust the system settings to your preference.

LCD MENU
To display OSD menu of different input source.

DVB SETUP
To display the setup menu of DVB on the screen.

DVD SETUP
To display the setup menu of DVD on the screen.

⑤ SOURCE
Press to display the source menu

PMODE
Press repeatedly to cycle through the available video picture mode.

SMODE
Press to cycle through the different sound modes.

MUTE
Press to mute the sound and press again to restore.

⑥ **PLAY/PAUSE**
Press to play or pause the DVD playing.

EXIT/STOP
Digital mode: Exit the DVB menu.
DVD mode: Stop the DVD playing.

SLEEP
Activates sleep mode

NICAM/AUDIO
Analogue mode: press to select NICAM.
DVD mode: press to select DVD audio channels.

TEXT(Fast reverse)
Teletext mode: press to enter the teletext mode.
DVD mode: press to play a DVD program in fast rewind mode.

FAV/HOLD
Digital mode: press to display FAV menu.
Teletext mode: press hold on or off for current page display.
DVD mode: press to play a DVD program in fast forward mode

FAV–/GOTO
Digital mode: decrease fav channel.
DVD mode: press to goto in DVD.

FAV+/ANGLE
Digital mode: increase fav channel.
DVD mode: select different angle of DVD

INDEX(PREV)
Teletext mode: request the index page.
DVD mode: press to reply the current program from the previous chapter.

SIZE(NEXT)
Teletext mode: change the display size.
DVD mode: press to advance forward to the next chapter.

REVEAL/ZOOM
Teletext mode: To reveal or hidden the hidden words.
DVD mode: select the zoom of DVD playback.

SUBPAGE/SUBTITLE
Teletext mode: Sub coded page access
Digital Mode: To switch dialogue on/off at the bottom of the screen.

⑦ **Program**
To select the DVD program playback.

MENU
To display the DVD disc menu

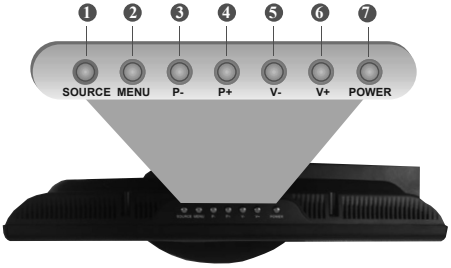
REPEAT
Repeat playback .

AB
Press to AB playback.

TV BUTTONS

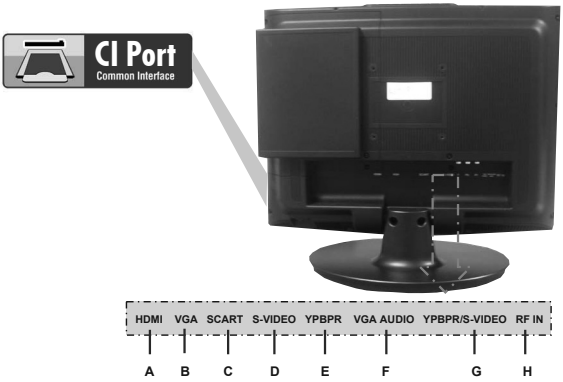
TV BUTTONS

1	Displays the source menu
2	OSD (On Screen Display) Menu
3	Channel down/Scroll down
4	Channel up/Scroll up
5	Volume down/Left orientation
6	Volume up/Right orientation
7	Power ON/OFF from standby
8	Remote Control Receiver
9	Power LED Indicator
10	DVD - Stop
11	DVD - Play/Pause
12	DVD - Eject

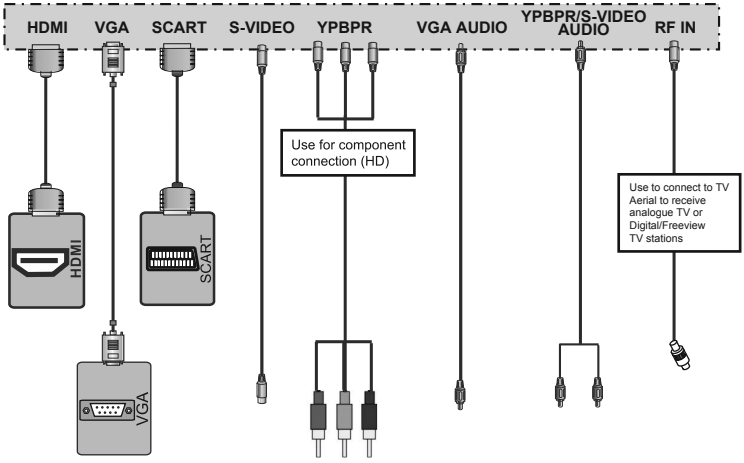


INPUTS & CONNECTIONS

REAR CONNECTIONS

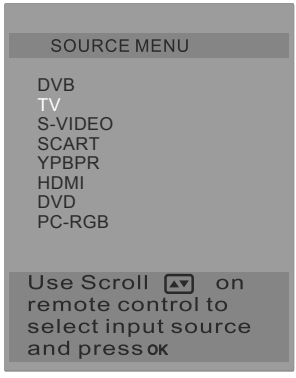


A	HDMI	HDMI input
B	VGA	VGA input
C	SCART	SCART
D	S-VIDEO	S-VIDEO input
E	YPBPR	Component input
F	VGA AUDIO	PC Audio input
G	YPBPR/S-VIDEO	YPbPr / S-video Audio
H	RF IN	RF input



Choosing Mode/Source
To switch between the different connections is very easy.

1) Press [SOURCE] - The following will appear
2) Press [\/] or [/\] to select the input you require.
3) Press [OK]



Connecting HD Ready Devices
There are two options for HD.

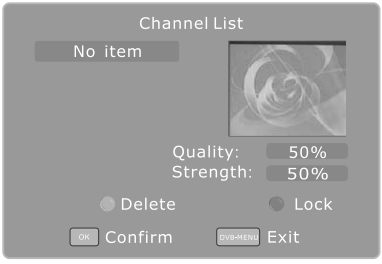
1) By connecting via HDMI cable (not included) – this provides both HD picture and sound.
2) By connecting via Component (YPbPr) cable (not included) – this provides HD picture. Source should be set to YPbPr.

DIGITAL TV (FREEVIEW) MENU OPERATION

Within Digital TV (DVB) mode there is also a channel settings menu. This is provided so you can search for new channels, change the picture format, create favourite lists and apply a pin code to limit access.

The menu is very user friendly.

Channel List
1) Press [DVB-MENU]
2) Press [OK]



This tells you various information about each channel

To delete stations
Press [\/] or [/\] to select the station
Press [YELLOW] to delete the stations.

To lock stations
You may wish to lock channels so they can't be viewed - i.e. Adult content.
Press [\/] or [/\] to select the station
Press [BLUE] to lock the selected channel
Enter the pin code and then press [OK]
See page 11 for 'Pin Code' function

3) Press [DVB-MENU] twice to exit

Create/Edit Favourite List
You may wish to create a favourite list so you can easily access the channels you enjoy.

1) Press [DVB-MENU]
2) Press [\/] to select favourite list
3) Press [OK]

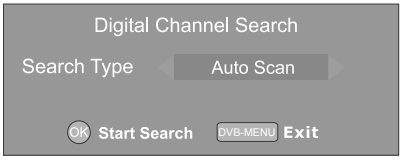
You can create favourite lists for up to 5 users

4) Press [\/] or [/\] to select the station you wish to add. It will be highlighted in light blue.
5) Press [OK] to add
Repeat this process until you have added all the channels you want
You can store up to 100 stations in the favourite list
6) Press [RED] to move the next Favourite list.
7) Press [DVB-MENU] twice to exit

To use the favourite list. Press [FAV] and select the list you require to use.

Search for New Channels
Every so often new digital channels are launched. You can search for these as follows.

1) Press [DVB-MENU]
2) Press [\/] twice to select Channel Search
3) Press [OK]



4) Press [OK] to start search
When it has finished it will return to digital TV

DIGITAL TV (FREEVIEW) MENU OPERATION

System Settings

1) Press [DVB-MENU]
2) Press [\/] 3 times to select System Settings
3) Press [OK]

First Time Installation/Reinstall
First Time Installation is highlighted, Press [OK]. You will then be prompted on screen. Press [<] to highlight Confirm and then press [OK]

System Info
You may be asked by a service engineer which version of software your TV has.

Press [\/]
Press [OK]

Software version will now be displayed on screen.

Setting / Changing Pin Code
Pin code is used for locking channels. You may wish to change it to a memorable number. Once changed it can only be reset by switching the TV back to factory settings (see page 17).

Press [\/] twice
Press [OK]
Enter old pin code
(default is 888888)
Enter new pin code
Enter again
Press [OK] to confirm

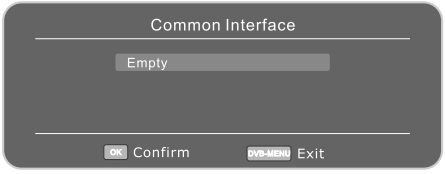
Software update
This mode is so a service engineer can perform software update, as default it should be set to Auto.

4) After you have finished with this menu press [DVB-MENU] twice to exit menu

Common Interface Port
Pay per view services require a “smartcard” to be inserted into the TV. If you subscribe to a pay per view service the provider will issue you with a ‘CAM’ card “smartcard”. The CAM can then be inserted into the COMMON INTERFACE PORT (see page 9).
To access the card follow the steps below.

1) Press [DVB-MENU]

2) Press [\/] 4 times to select Common Interface
3) Press [OK]



You will now see the above screen, if a card is inserted it will be listed.

4) Press [OK] to access the card service.

DIGITAL TV (FREEVIEW) MENU OPERATION

Electronic Program Guide (EPG)
The Electronic Program Guide (EPG) is available in Digital TV mode. It is a 7 day TV guide and provides information about forthcoming programmes (where supported by the broadcasted channel).

You can view the start and end time of all programs and on all channels for the next 7 days.

It is very simple to operate.

1) Press [EPG]. The following will appear

Channel Schedule
11/01/2008 13:38
1 - BBC ONE
2 - BBC TWO
3 - ITV1
4 - Channel 4
The Ties That Bind: Some amateur embroidery gets Michelle tangled in a couple's weird relationship. Can George do the right thing? [S]
Fri Sat Sun Mon Tue Wed Thu
13:30 - 13:39 South Today (NOW)
13:40 - 14:09 Doctors
14:10 - 14:34 Neighbours
14:35 - 15:19 Diagnosis Murder
15:20 - 15:24 BBC News
15:25 - 15:44 Bear Behaving Badly
CH+ CH- Select Channel OK Add Reminder DVD-MENU Exit

2) Press [CH+] or [CH-] to select channel you wish to see information about

Channel Schedule
11/01/2008 13:38
1 - BBC ONE
2 - BBC TWO
3 - ITV1
4 - Channel 4
The Ties That Bind: Some amateur embroidery gets Michelle tangled in a couple's weird relationship. Can George do the right thing? [S]
Fri Sat Sun Mon Tue Wed Thu
13:30 - 13:39 South Today (NOW)
13:40 - 14:09 Doctors
14:10 - 14:34 Neighbours
14:35 - 15:19 Diagnosis Murder
15:20 - 15:24 BBC News
15:25 - 15:44 Bear Behaving Badly
CH+ CH- Select Channel OK Add Reminder DVD-MENU Exit

3) Press [\/] or [/\] to move through the programs for the day highlighted
4) Press [>] or [<] to move through the days of the week

In the top right hand corner will appear information about the program you have selected

5) Press [DVB-MENU] to exit Electronic Program Guide (EPG).

Digital TV Teletext
With Digital TV (Freeview) there is also digital teletext available on some channels. Simply follow the on screen commands. Here is an example of the BBC digital teletext service.

1) To start digital teletext press RED button.

2) To select the information you require you can scroll using [\/] or [/\] and press [OK] alternatively you can key the page number for example [3][0][0] followed by [OK]

You can then navigate using the colour buttons (Red, Green, Yellow, Blue), the [\/] [/\] buttons and numbers.

If you wish to exit at anytime press [TEXT]

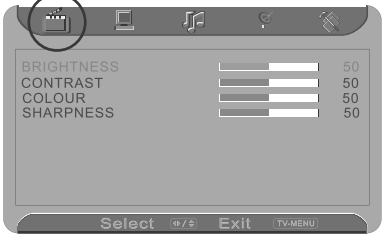
TV MENU OPERATION

PICTURE SETTINGS

Lets you adjust the brightness, contrast colour and sharpness to enhance the viewing experience.

Adjusting Brightness
Increase or decrease the brightness of the picture

1) Press [LCD-MENU] to enter menu
2) Press [\/] to select Brightness
3) Then press [>] or [<] to increase or decrease the brightness



4) Press [LCD-MENU] twice to exit

Adjusting Contrast
Adjust the balance between black & white

1) Press [LCD-MENU] to enter menu
2) Press [\/] twice to select Contrast
3) Then press [>] or [<] to increase or decrease the Contrast

4) Press [LCD-MENU] twice to exit

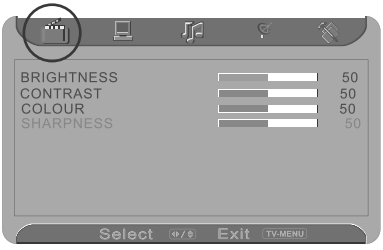
Adjusting Colour
Increase the colour from black and white to vivid.

1) Press [LCD-MENU] to enter menu
2) Press [\/] 3 times to select Colour
3) Then press [>] or [<] to increase or decrease the Colour

4) Press [LCD-MENU] twice to exit

Adjusting Sharpness
Increase or decrease the sharpness of the picture. If you have a poor signal strength you should reduce the sharpness to get a better picture.

1) Press [LCD-MENU] to enter menu
2) Press [\/] 4 times to select Sharpness
3) Then press [>] or [<] to increase or decrease the Sharpness



4) Press [LCD-MENU] twice to exit

SOUND SETTINGS

Lets you adjust the balance and audio presets to enhance the viewing experience.

Adjusting Balance

To switch the sound between the left and right speakers

1) Press [LCD-MENU] to enter menu
2) Press [>] to go to Sound menu
3) Press [V] twice to select Balance
4) Then press [>] or [<] to increase or decrease the balance

5) Press [LCD-MENU] twice to exit

Selecting Audio Preset

Switch between different preset sound options.

THEATRE – Provides live and full sound for movies
MUSIC – Emphasises music over voices
VOICE – Emphasises voices over other sounds
PERSONAL – Selects your personal sound settings

1) Press [LCD-MENU] to enter menu
2) Press [>] to go to Sound menu
3) Press [V] 3 times to select Audio Preset
4) Then press [>] or [<] to switch between Theatre, Voice, Music, Personal.

5) Press [LCD-MENU] twice to exit

If you select Personal you can now move down highlight Bass or Treble and increase or decrease using the [<] or [>].

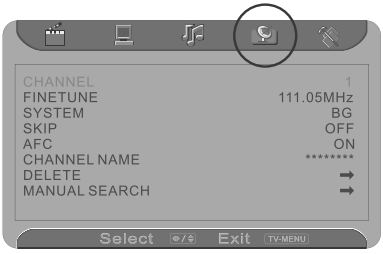
TV MENU OPERATION

TUNING SETTINGS

Tuning Program
You may wish to do some additional tuning (for analogue channels only), in order to improve the picture quality, move channels around or connect via RF to a freeview box or Sky digital.

1) Press [LCD-MENU] to enter menu
2) Press [>] twice to go to Tuning Menu
3) Press [\/] to select Tuning Program
4) Press [>] to enter menu

You are now in this menu. The following can now be changed:



Fine Tune
You may wish to improve the picture quality on certain analogue channels.

1) Press [\/] until Fine Tune is highlighted and
2) Press [>] or [<] to adjust.

System
You may wish to alter the System that the TV is set to if you wish to take the TV abroad.

The system for the UK should be set to I.
If you wish to tune to another country, please contact the helpline and we can advise.

1) Press [\/] until System is highlighted and
2) Press [>] or [<] to change between the different options.

Skip
If there is a channel that you do not wish to view you can add 'Skip' to that channel. When you press P+ or P- it will skip past this channel.

1) Press [\/] until Skip is highlighted and
2) Press [>] to change to ON

Automatic Frequency Control (AFC)
This lets the TV automatically fine tune to a frequency. As default it should be ON.

1) Press [\/] until AFC is highlighted and
2) Press [>] to change to ON

Name/Rename Channels
This is to change the name of the channel

1) Press [\/] until Channel Name is highlighted and Press [>] to enter name.
2) Press [\/] or [/\] to change the letters and [>] to move to next letter.

Delete
You may wish to delete a channel if it has not tuned in correctly or is repeated

1) Press [\/] until Delete is highlighted and
2) Press [>] to select. The Press [<] so 'Yes' is highlighted and Press [OK] to delete.

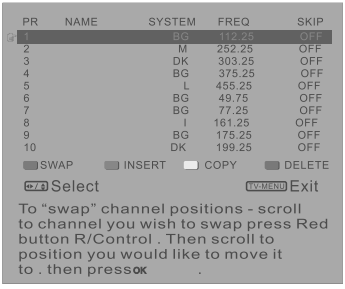
Manual Search
You may wish to manual search if you can't find a certain channel or if you wish to connect to a Satellite/Cable box via RF/Aerial connector.

1) Press [\/] until Manual Search is highlighted and Press [>] to enter menu.
2) Then Press [>] to scan downwards or
3) Press [\/] to move to scan upwards and
4) Press [>] to start.
5) Press [LCD-MENU] 3 times to exit.

TV MENU OPERATION

Program Edit / Changing Analogue Channel Position
You can change the analogue channel position to suit your requirements.

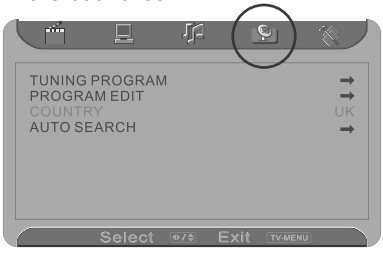
1) Press [LCD-MENU] to enter menu
2) Press [>] twice to go to Tuning menu
3) Press [\/] twice to select Program Edit
4) Press [>] to enter menu
5) To swap an analogue channel
   Press [RED]
6) Move to the location you would like to place it
   Press [OK]
   Repeat the process with all analogue channels.


PR NAME SYSTEM FREQ SKIP
1 BG 112.25 OFF
2 M 252.25 OFF
3 DK 303.25 OFF
4 BG 375.25 OFF
5 L 455.25 OFF
6 BG 49.75 OFF
7 BG 77.25 OFF
8 I 161.25 OFF
9 BG 175.25 OFF
10 DK 199.25 OFF
SWAP INSERT COPY DELETE
Select Exit
To “swap” channel positions - scroll to channel you wish to swap press Red button R/Control . Then scroll to position you would like to move it to . then press OK .

7) Press [LCD-MENU] to exit

Changing Country Settings
If you are moving the TV to another country you will need to change the region. The TV’s default is UK.

1) Press [LCD-MENU] to enter menu
2) Press [>] twice to go to Tuning menu
3) Press [\/] 3 times to select Country
4) Then press [>] or [<] to change between the countries

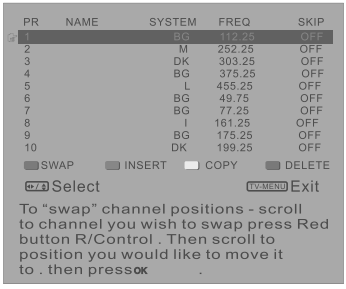


5) Press [LCD-MENU] twice to exit

Auto Search
Scan for all analogue channels based on the current settings

1) Press [LCD-MENU] to enter menu
2) Press [>] twice to go to Tuning menu
3) Press [\/] 4 times to select Auto Search
4) Then press [OK]
5) Press [<] to highlight ‘OK’ and then Press [OK]
The TV will now tune in.

6) The program edit screen will now appear


PR NAME SYSTEM FREQ SKIP
1 BG 112.25 OFF
2 M 252.25 OFF
3 DK 303.25 OFF
4 BG 375.25 OFF
5 L 455.25 OFF
6 BG 49.75 OFF
7 BG 77.25 OFF
8 I 161.25 OFF
9 BG 175.25 OFF
10 DK 199.25 OFF
SWAP INSERT COPY DELETE
Select Exit
To “swap” channel positions - scroll to channel you wish to swap press Red button R/Control . Then scroll to position you would like to move it to . then press OK .

7) To swap a channel Press [RED]

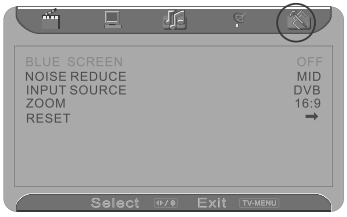
Move to the location you would like to place it
Press [OK]
Repeat the process with all analogue channels.
Press [LCD-MENU] to exit

TV MENU OPERATION

GENERAL SETTINGS

Adjusting Blue Screen
Changes the background when there is no input between clear and a blue background

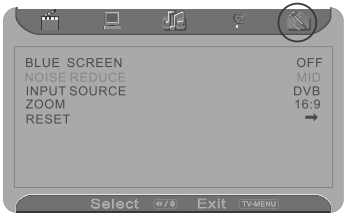
1) Press [LCD-MENU] to enter menu
2) Press [>] twice to go to General menu
3) Press [\/] to select Blue Screen
4) Then press [>] or [<] to change between on and off



5) Press [LCD-MENU] twice to exit

Noise Reduce
Reduces the interference in the picture

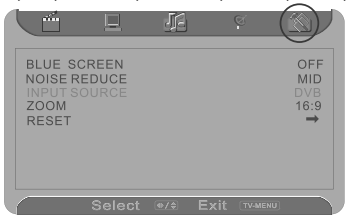
1) Press [LCD-MENU] to enter menu
2) Press [>] twice to go to General menu
3) Press [\/] twice to select Noise Reduce
4) Then press [>] or [<] to change between LOW, MID, HIGH, OFF



5) Press [LCD-MENU] twice to exit

Adjusting Input Source
You may wish to change the input which is being used

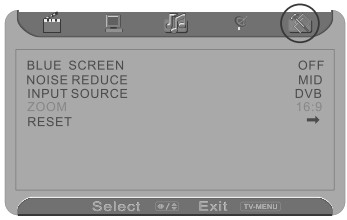
1) Press [LCD-MENU] to enter menu
2) Press [>] twice to go to General menu
3) Press [\/] 3 times to select Input Source
4) Then press [>] or [<] to change between DVB, TV, SCART, YPBPR, HDMI, DVD, PC-RGB



5) Press [LCD-MENU] twice to exit

Adjusting Picture Format
You may wish to change picture format between 16:9 and 4:3.

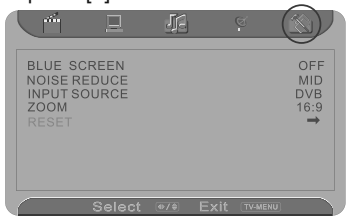
1) Press [LCD-MENU] to enter menu
2) Press [>] twice to go to General menu
3) Press [\/] 4 times to select Zoom
4) Then press [>] or [<] to change between 16:9 and 4:3



5) Press [LCD-MENU] twice to exit

Reset
You may wish to reset the menus to factory settings e.g. if you have forgotten a changed password

1) Press [LCD-MENU] to enter menu
2) Press [>] twice to go to General menu
3) Press [\/] 5 times to select Reset
4) Then press [>] to reset



TELETEXT OPERATION

Teletext is a service offered by some broadcasters.

Teletext Operation

1) Press [TEXT], after a few seconds teletext page 100 should appear.
Here is an example of BBC1

P100 CEEFAX 1 100 Tue 19 Jun 14:56/56
BBC CEEFAX
South Sport
CRAWLEY BOSS SIGNS FOUR PLAYERS 391
A-Z INDEX 199 NEWS HEADLINES 101
BBC INFO 696 NEWS FOR REGION 160
CHESS 568 NEWSROUND 570
COOKERY 560 RADIO BBC1 640
COMMUNITY BBC2 660 READ HEAR BBC2 640
ENTERTAINMENT 600 SPORT 300
FILMS 620 SUBTITLING 888
FINANCE BBC2 200 TRAVEL 4300
GAMESTATION 600 TV INDEX 520
HORSERACING 660 TV LINKS 615
LOTTERY 555 TV LISTINGS 600
MUSIC 530 WEATHER 400
Ceefax: The world at your fingertips
Headlines Sport South TV A-Z Index
00 06

2) You can now navigate to the page you require in a number of ways:

   a) Press the page you require using the number buttons i.e. page 302, by pressing [3][0][2]
   b) Press the colour buttons, these will take you to the page indicated at the foot of the screen for each colour
   c) Press [CH+] or [CH-] these will take you to next page. i.e. if you are on page 150 and you press [PGDN] the page will switch to 149
3) To exit Teletext press [TEXT] twice at any time

Other buttons

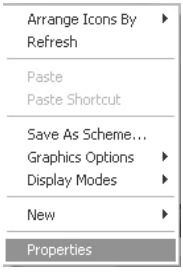
[SIZE] this increases or decreases the size of the text on screen
[INDEX] some pages are more than one page long this button displays the number of pages
[REVEAL] if there is an answer or something hidden this will display it
[SUBPAGE] displays the sub page if it exists

CONNECTING TO A PC - WINDOWS XP

IMPORTANT— Before connecting to a PC you must ensure that the settings of the PCs output are correct for the new LCD Monitor.

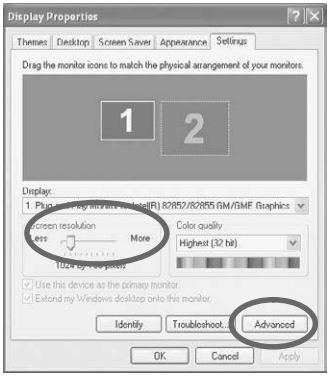
You need to do the following with your old monitor connected

1) Switch on your PC
2) When finished booting up, right click your mouse anywhere on the screen, this screen will appear

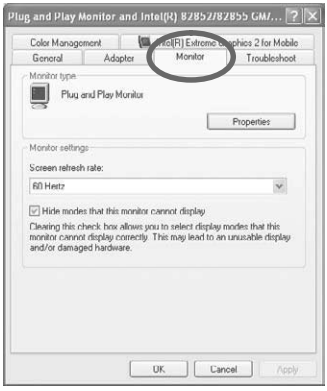


3) left click your mouse on Properties, this screen will appear

4) Left mouse click on Settings, this screen will appear. Check the Screen Resolution is set to 1024 by 768 pixel. You can adjust the resolution by moving the slider on screen.



5) Left mouse click on Advance, this screen will appear, click on tab called 'Monitor'



6) Left click on the drop down for Screen refresh rate and select 60 Hertz.
7) Finally click Apply, then click Yes and the settings will be saved.
8) Turn off your PC.
9) Connect up your LCD TV to your PC and switch on.
10) Switch on your PC, Windows will automatically Install the LCD TV.

For Windows Vista operating system the process is very similar to the above.
If you require additional support please contact the helpline.

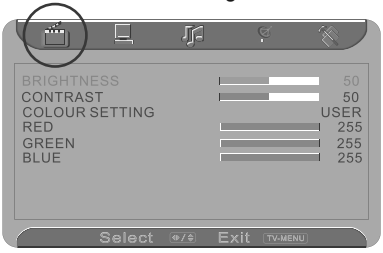
PC MENU OPERATION (VGA)

Within PC mode there is an additional menu. This can be operated in the following way.

PC PICTURE SETTINGS

Adjusting Brightness
Increase or decrease the brightness of the picture

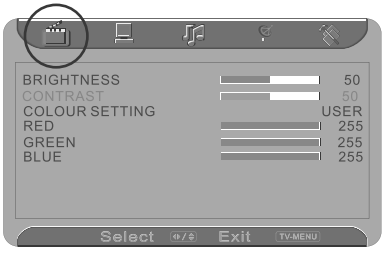
1) Press [LCD-MENU] to enter menu
2) Press [\/] to select brightness
3) Then press [>] or [<] to increase or decrease the brightness



4) Press [LCD-MENU] twice to exit

Adjusting Contrast
Adjust the balance between black & white

1) Press [LCD-MENU] to enter menu
2) Press [\/] twice to select contrast
3) Then press [>] or [<] to increase or decrease the contrast



4) Press [LCD-MENU] twice to exit

Adjusting Colour Settings
In monitor mode the TV has two preset colour settings 9300k and 6500k. There is also 'USER' where you can adjust yourself

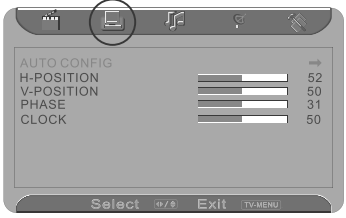
1) Press [LCD-MENU] to enter menu
2) Press [\/] 3 times to select colour settings
3) Then press [<] or [>] to switch between 9300k, 6500k or USER.

When in USER mode you can move down and highlight Red, Green or Blue and increase or decrease using [<] or [>].

PC MENU OPERATION (VGA)

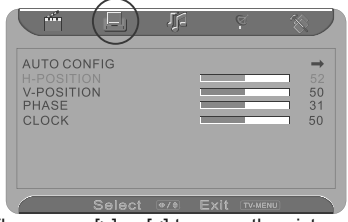
PC SCREEN SETTINGS

Auto Configuration of Screen
Lets you automatically configure the television to be used as a computer monitor
1) Press [LCD-MENU] to enter menu
2) Press [>] to select PC settings
3) Press [\/] to select Auto Config



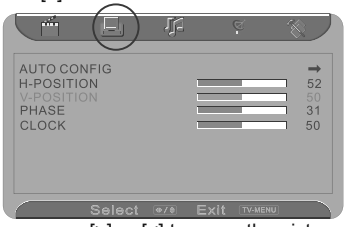
4) Then press [>] for the TV to automatically configure itself
5) Press [LCD-MENU] twice to exit

Horizontal Position
Changes the horizontal position of the picture
1) Press [LCD-MENU] to enter menu
2) Press [>] to select PC settings
3) Press [\/] twice to select H-Position



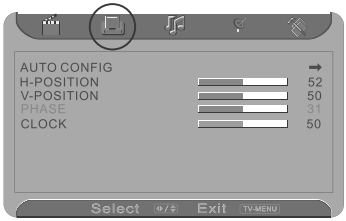
4) Then press [>] or [<] to move the picture to left or right
5) Press [LCD-MENU] twice to exit

Vertical Position
Changes the vertical position of the picture
1) Press [LCD-MENU] to enter menu
2) Press [>] to select PC settings
3) Press [\/] 3 times to select V-Position



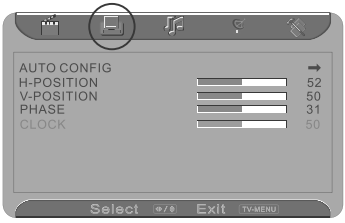
4) Then press [>] or [<] to move the picture up or down
5) Press [LCD-MENU] twice to exit

Phase
To adjust delay time of phase in order to reduce the noise of picture
1) Press [LCD-MENU] to enter menu
2) Press [>] to select PC settings
3) Press [\/] 4 times to select Phase



4) Then press [>] or [<] to increase or decrease the phase
5) Press [LCD-MENU] twice to exit

Clock
Alter this in order to reduce the noise within the picture
1) Press [LCD-MENU] to enter menu
2) Press [>] to select PC settings
3) Press [\/] 5 times to select Clock



4) Then press [>] or [<] to increase or decrease the clock
5) Press [LCD-MENU] twice to exit

DVD BASIC PLAY

1) Press [SOURCE]

2) Select DVD
3) Press [OK]
4) Insert disc the correct way round (see image on the side of TV)

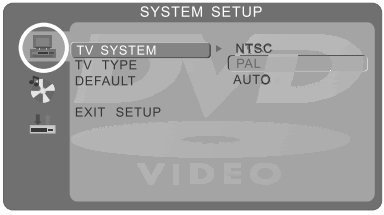
On screen will appear READING, once the disc has been accepted it will start to play. If it does not please refer to the frequency asked questions at the rear of the manual.

Within DVD Mode there is an additional menu. This can be operated in the following way.

SYSTEM SET UP

Adjusting TV System
Lets you adjust between NTSC, PAL, AUTO (PAL is default for the UK)

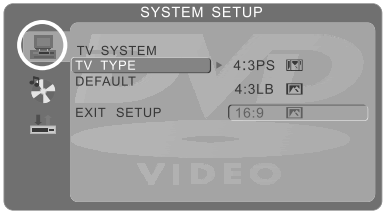
1) Press [DVD-SETUP] to enter menu
2) Press [>] to select TV System
3) Press [>] to enter menu
4) Press [V] or [Λ] to highlight NTSC, PAL or AUTO
5) Press [OK] to confirm



6) Press [DVD-SETUP] to exit

Adjusting Picture Format
This lets you select the format of the picture that is being shown between 16:9, 4:3 LetterBox and 4:3.

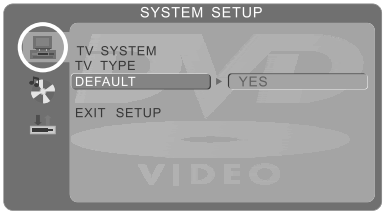
1) Press [DVD-SETUP] to enter menu
2) Press [>] to select TV System
3) Press [V] to select TV Type
4) Press [>] to enter menu
5) Press [V] or [Λ] to highlight 4:3PS, 4:3LB or 16:9
6) Press [OK] to confirm



7) Press [DVD-SETUP] to exit

Returning to Default
This lets you switch the DVD menus above back to Default settings

1) Press [DVD-SETUP] to enter menu
2) Press [>] to select TV System
3) Press [V] to select Default
4) Press [>] to enter menu
5) Press [>] to highlight Yes
6) Press [OK] to confirm

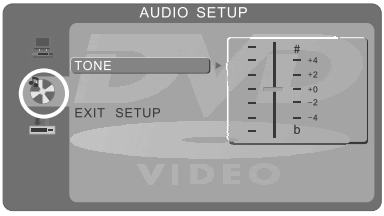


7) Press [DVD-SETUP] to exit

AUDIO SET UP

Adjusting Tone
Lets you increase or decrease the Tone of the sound

1) Press [DVD-SETUP] to enter menu
2) Press [\/] to select Audio Set Up
3) Press [>] to enter menu
4) Press [\/] to select Tone
5) Press [>] to enter menu
6) Press [\/] or [/\] to increase or decrease the tone
7) Press [OK] to confirm

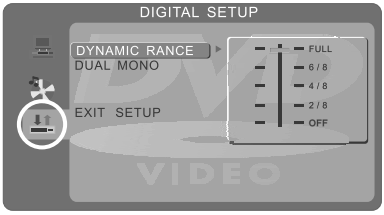


8) Press [DVD-SETUP] to exit

DIGITAL SET UP

Adjusting Dynamic Range
This is the difference between the quietest and loudest sounds. This setting works only with DVD discs recorded in Dolby digital.
FULL: Set this to listen with the range recorded on the disc.
4/8: Set this to listen with a range equivalent to a normal television.
2/8: Set this to listen with a smaller difference between the maximum and minimum volume.

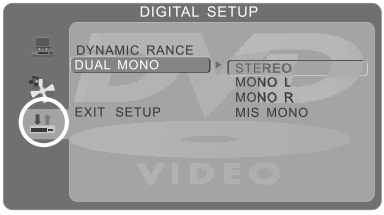
1) Press [DVD-SETUP] to enter menu
2) Press [\/] twice to select Digital Set Up
3) Press [>] to select Dynamic Range
4) Press [>] to enter menu
5) Press [\/] or [/\] to increase or decrease the Dynamic range
6) Press [OK] to confirm



7) Press [DVD-SETUP] to exit

Adjusting the Sound
Lets you change the sound between Stereo, Mono Left, Mono Right and Mixed Mono.

1) Press [DVD-SETUP] to enter menu
2) Press [\/] twice to select Digital Set Up
3) Press [>] to enter menu
4) Press [\/] to select Dual Mono
5) Press [>] to enter menu
6) Press [\/] or [/\] to switch between Stereo, Mono L, Mono R and Mix Mono
7) Press [OK] to confirm



8) Press [DVD-SETUP] to exit

WALL MOUNTING

IMPORTANT— BEFORE DRILLING ANY HOLES IN THE WALL ENSURE YOU ARE NOT DRILLING WHERE THERE COULD BE ANY ELECTRIC WIRES, WATER OR GAS PIPES

THIS TV REQUIRES A VESA
100 WALL MOUNT, OR EQUIVALENT

100

To remove the stand

1) Remove the two screws highlighted below

2) The stand will now come off

Wall Mounting the TV.

1) Remove the four screws highlighted below.

2) The wall mount can now be easily attached to the mounting holes on the rear of the TV. These holes are indicated in the picture below

Important – Ensure the length of screws included with your wall mount that secure the Wall Mount to the TV do not exceed 10 mm. Using longer screws could cause irreparable damage to the TV

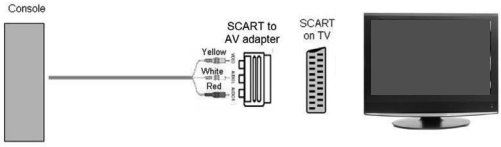
CONNECTING A GAMES CONSOLE

Connecting a games console can sometimes seem very difficult. We have simplified it to three options depending on the cables that you have.

Option 1 – Connecting via Scart to AV adapter

If you are supplied with a cable from the console which has YELLOW, RED & WHITE connectors you must connect via a SCART to AV adapter (Some console include this)

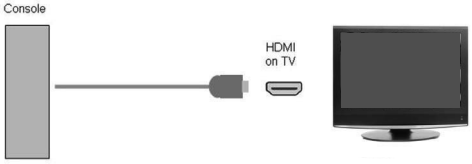
TV source should be set to SCART.



Option 2 – Connecting via HDMI cable

If you are supplied with a HDMI cable is the easiest option. A HDMI cable can output both video and audio and enables you to enjoy digital-quality video and audio with minimal loss of picture quality.

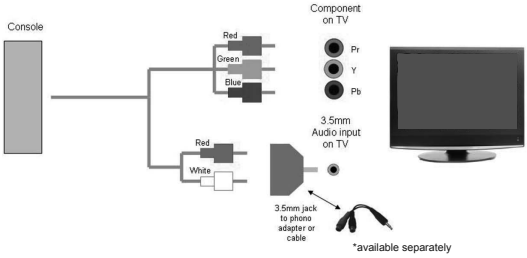
TV Source should be set to HDMI.



Option 3 – Connecting via Component cable

If you are supplied with a cable from the console which has RED, GREEN, BLUE, RED & WHITE connectors you must connect via Component (for picture) and by 3.5mm to phono cable (for sound).

TV Source should be set to Component.



USING WITH SKY DIGITAL

You may wish to use your TV with Sky Digital.

There are a number of connection options, the best being connecting via SCART cable.

Connecting via SCART

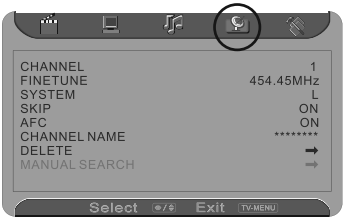
1) Connect the SCART cable from the Sky Digital Box to SCART of the TV
2) Press [SOURCE]
3) Press [\/] or [/\] to select SCART
4) Press [OK]

The channel your Sky Digital box is displaying will now be shown on the TV.

You may wish to share your Sky Digital signal around the home by using an RF connection. If this TV is to be connected in this way, please follow the below.

Connecting via RF
Ensure the Sky signal is switched on, before you start the below.

1) Connect the RF cable from the RF output socket of the sky/cable box to the 'RF IN' of the TV.
2) Press [LCD-MENU] to enter menu
3) Press [>] twice to select Tuning Menu
4) Press [\/] to select Tuning Program



5) Press [OK] to enter menu
6) Press [>] to select the channel you require your Sky on. Please select a channel not in use i.e. channel 6.
7) Press [\/] 7 times to select Manual Search
8) Press [>] to enter
9) Press [\/] to select Up.
10) Press [>] to start search.
11) Once tuned in, Press [LCD-MENU] 3 times to exit.

USING WITH SKY DIGITAL REMOTE CONTROLS (BSKYB) OR UNIVERSAL REMOTE CONTROL

You may wish to use your Sky Digital or a universal remote control to operate some of the functions of this TV. For this you require a 'code' that needs to be programmed into your Sky Digital or universal remote control.

For codes for universal remote controls, please visit our website where you will find the very latest information and codes.

For codes for Sky/Sky+Sky HD, please note that at the point of manufacture, BSkyB have not launched the code required for this model of TV. They are due to launch a new remote control which should include the necessary code to operate the functions of the TV during late 2009 (called revision 9). The launch date was not known at the time of printing this manual.

Please check our website for updates, alternatively, see below some alternative options of remote controls that are available.

One for All Sky Originals

The One for All remote controls shown above will operate all of the functions of the Sky box in the same way the original remote control will, in addition, they will also operate the functions of this model of TV. The One for All versions are available to purchase from the helpline/website. The original Sky remote controls are shown for comparison purposes

If you require any further information, you can contact us:

www.skymediauk.co.uk
email - service@skymediauk.co.uk
Tel - 0871 2000 463

FREQUENTLY ASKED QUESTIONS

Question:	Solution:
I have tuned in Digital TV but I am not receiving any or all of the channels and/or the channels I receive are breaking up	1) Check you are in an area that can receive Freeview. Visit www.freeview.co.uk or call 08701 111 270. 2) Check you have a suitable aerial. Many indoor aerials will say they are digital ready, but you will not get a good signal 3) Consider purchasing a signal booster, it is much cheaper than a digital aerial and cures 70% of poor signal problems. 4) Failing the above for now use the analogue TV, until the signal becomes stronger in your area. For best performance we recommend using an outdoor hi-gain digital aerial. If you are receiving some digital stations first try to connect a signal booster in between the TV and TV aerial socket
The sound quality is high pitched?	Go into the sound settings menu as shown earlier in the manual and increase the level of the bass and decrease the treble
I have inserted a disc but it is not playing	1) Ensure you have inserted put the disc in facing the correct way forward 2) Ensure the disc is clean and is not scratched 3) Some copied discs will not play.
The subtitles are switched on when I am watching a DVD	Each time you press [Subtitles] button you switch between the different languages. Off is one of the options. If you still have subtitles on, access through the DVD disc menu and switch off
I have connected the TV to my VCR via SCART but it is not recording	In addition to connecting via SCART, you should connect the aerial cable from the wall socket to VCR and another aerial cable from the VCR to the TV

If you are still experiencing problems please contact the Helpline
Customer Support/Technical Helpline
Sky Media UK LTD
Telephone: 0871 2000 463
Email: service@skymediauk.co.uk
Visit our web site www.skymediauk.co.uk for further Trouble shooting
and frequently asked questions.

TECHNICAL SPECIFICATION

LCD	**Type**	19” LCD
Input signal	**PC-RGB**	Horizontal frequency: 20-70KHz
		Vertical frequency: 60Hz
	RF	75 ohm Antenna / PAL-SECAM
	Video	1 YPbPr, 1 S-Video, 1 HDMI,
		1 SCART,
	Audio	1 x 3.5mm Audio jack for PC 1 x 3.5mm Audio jack for YPbPr/S-Video
	HDMI	1HDMI
Resolution	**Recommended**	1440x900
Speaker Output		3W×2
Power	**Voltage**	AC 100-240 ~ 50/60Hz 1.5A
Brightness		300 cd/m2
Contrast		1000:1
Dimensions	**Physical**	465mm(W) x 410mm(H) x 210mm(D) incl. stand
		18.3”(W) x 16.1”(H) x 8.3”(D)
Weight		gross 6.2kgs, net 5.0kgs
	DVD	DVD Player
	DVB-T	EPG, MHEG-5

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